**FIG. 1**

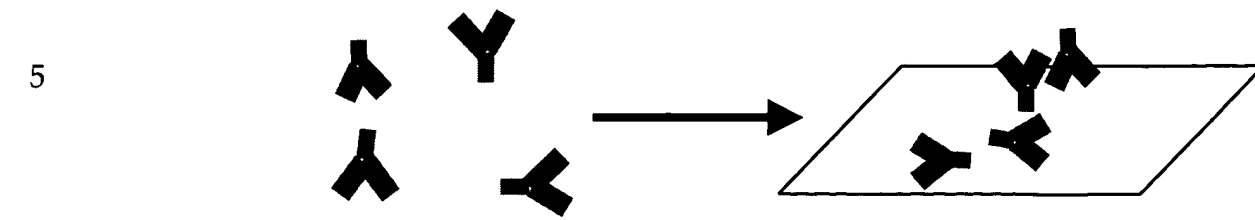


FIG. 2

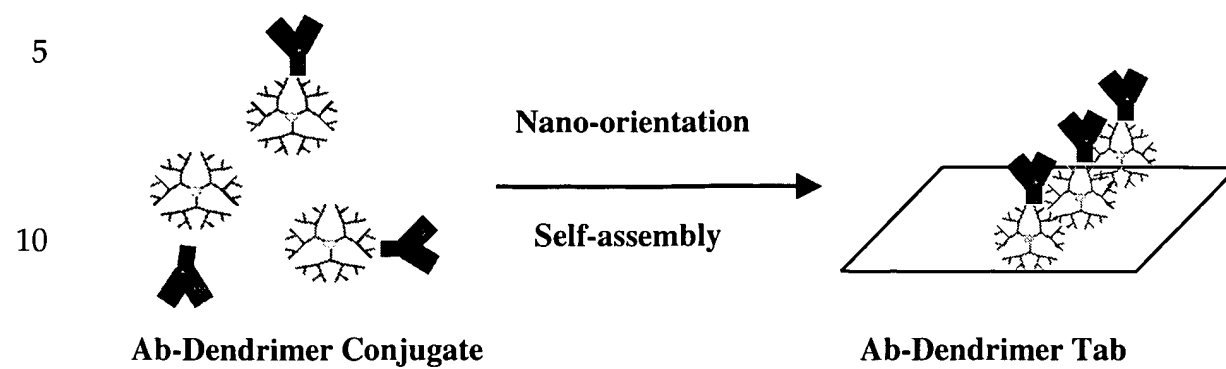
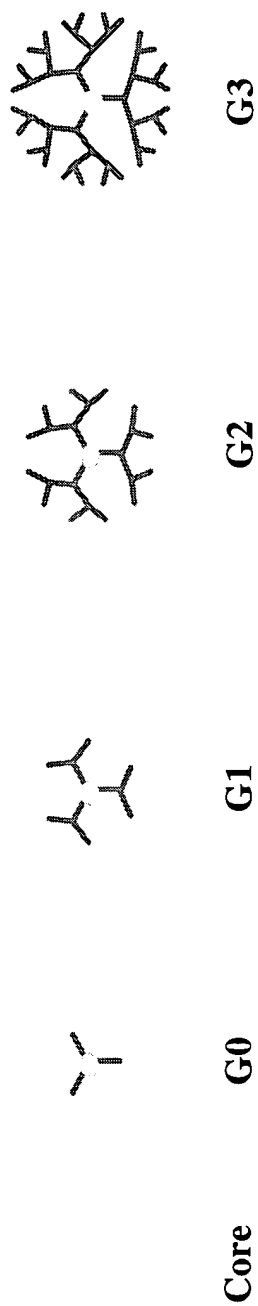


FIG. 3

### Dendrimer-Terminal Branching



### Dendrigrraft-Backbone Branching

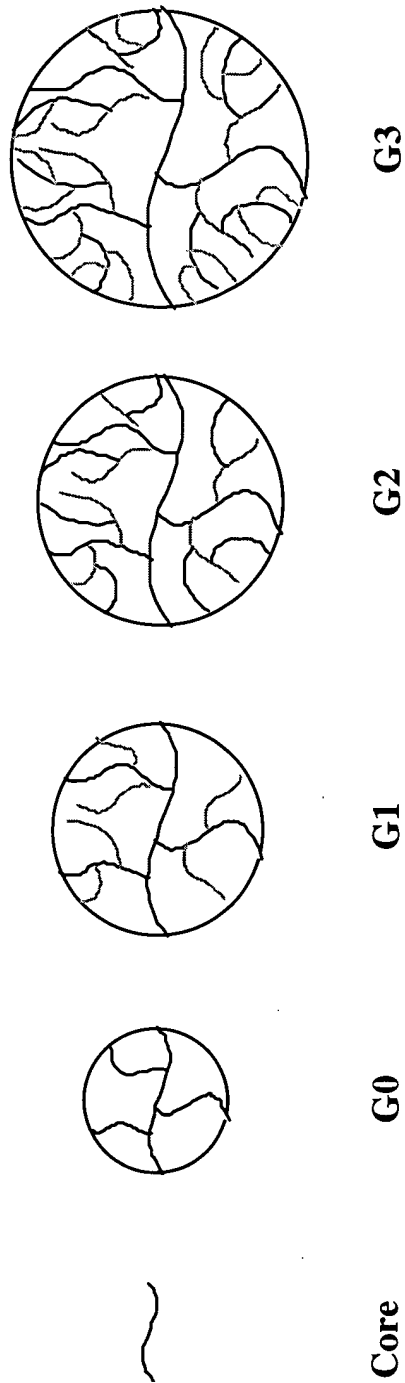


FIG. 4

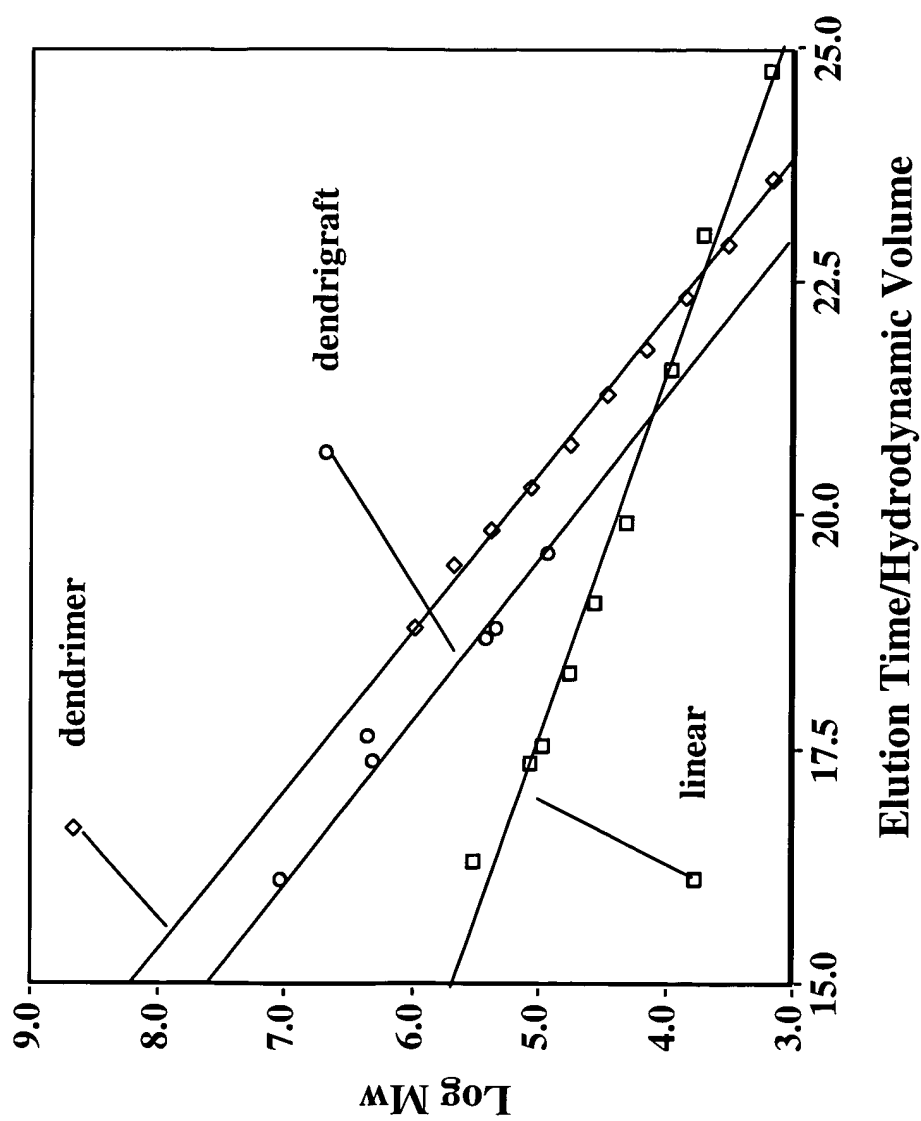


FIG. 5

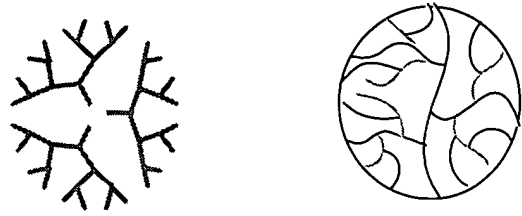
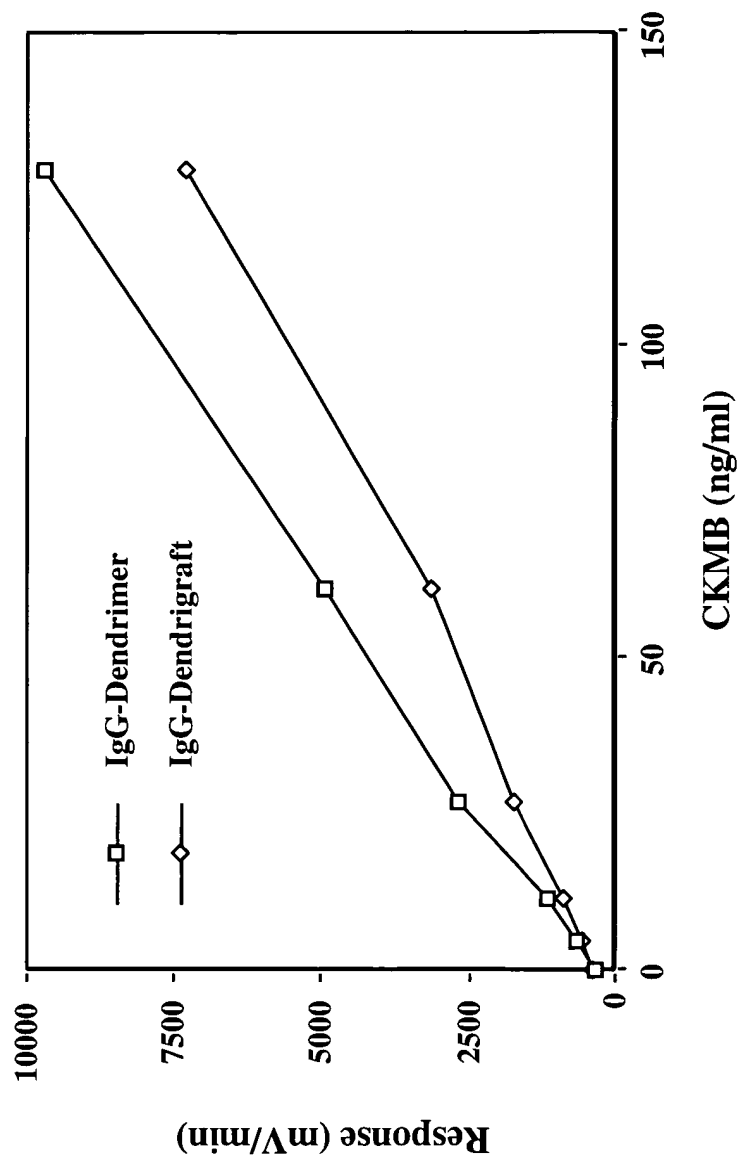
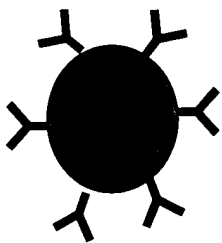
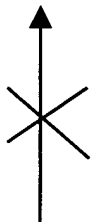


FIG. 6



+



Colloidal Gold, 55 nm

Ab

Au-Ab Conjugate

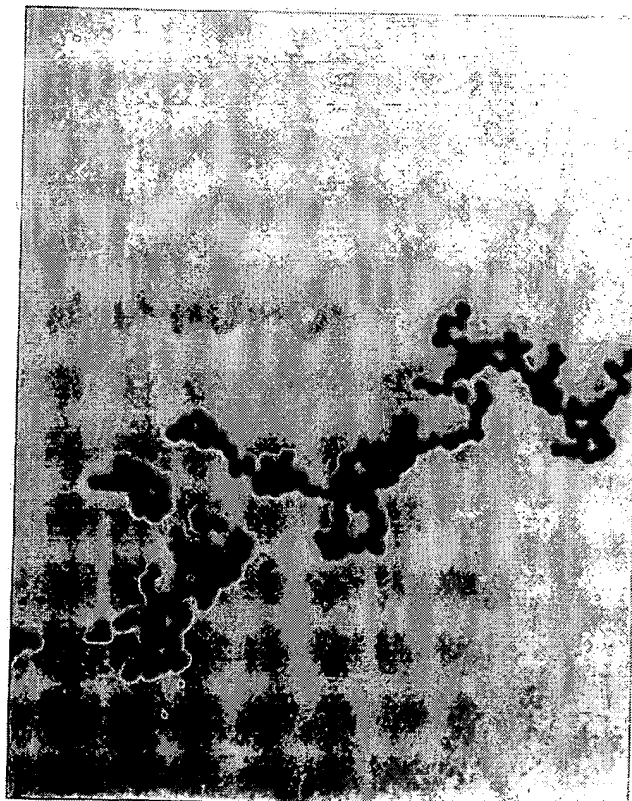
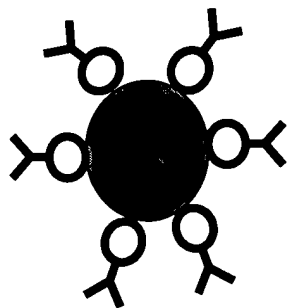


FIG. 7



Colloidal Gold, 55 nm

Ab-Den-Au Conjugate

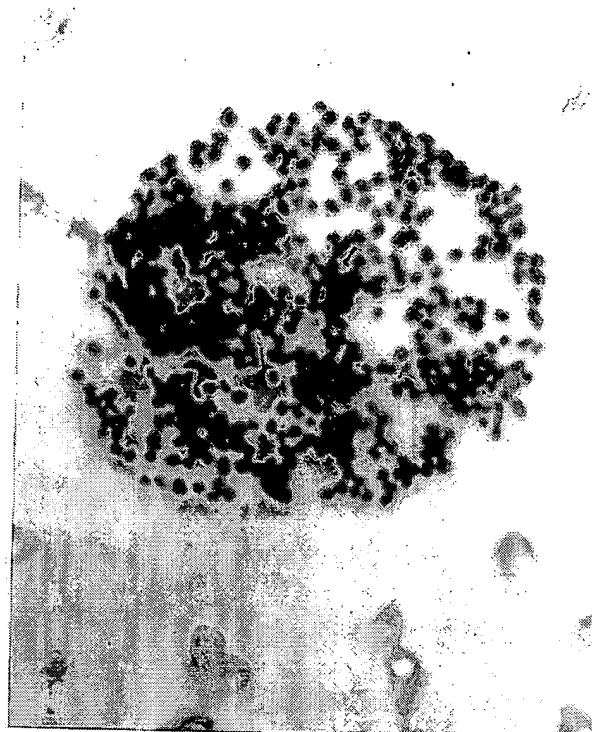
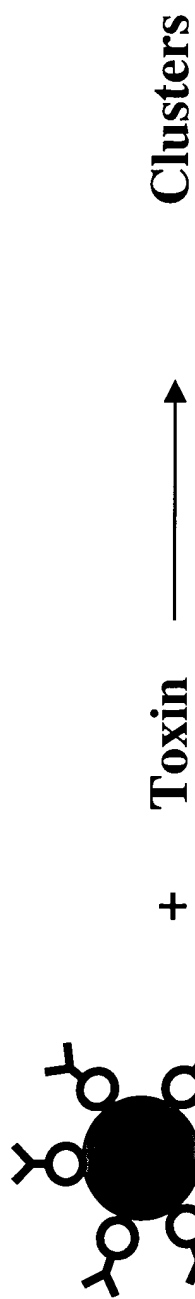


FIG. 8





Ab-Den-Au Conjugates

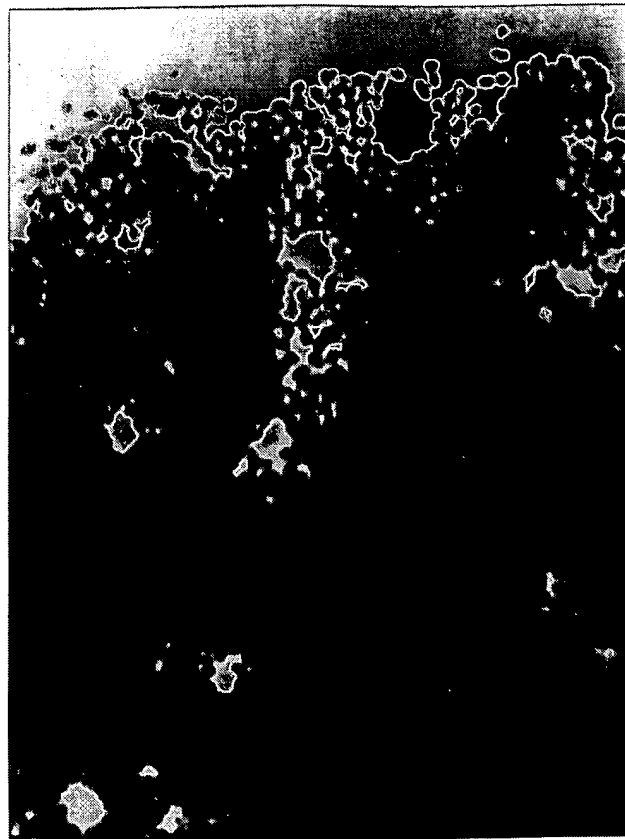


FIG. 9

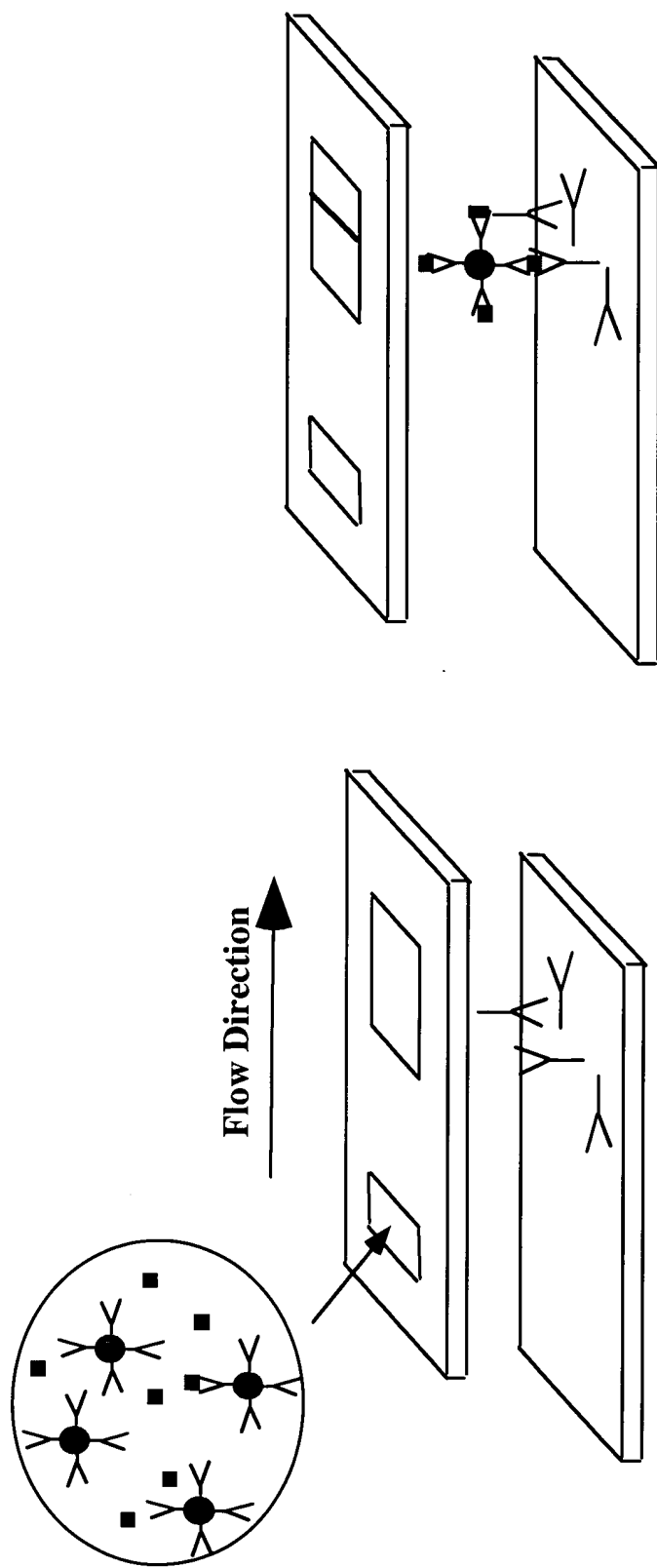


FIG. 10

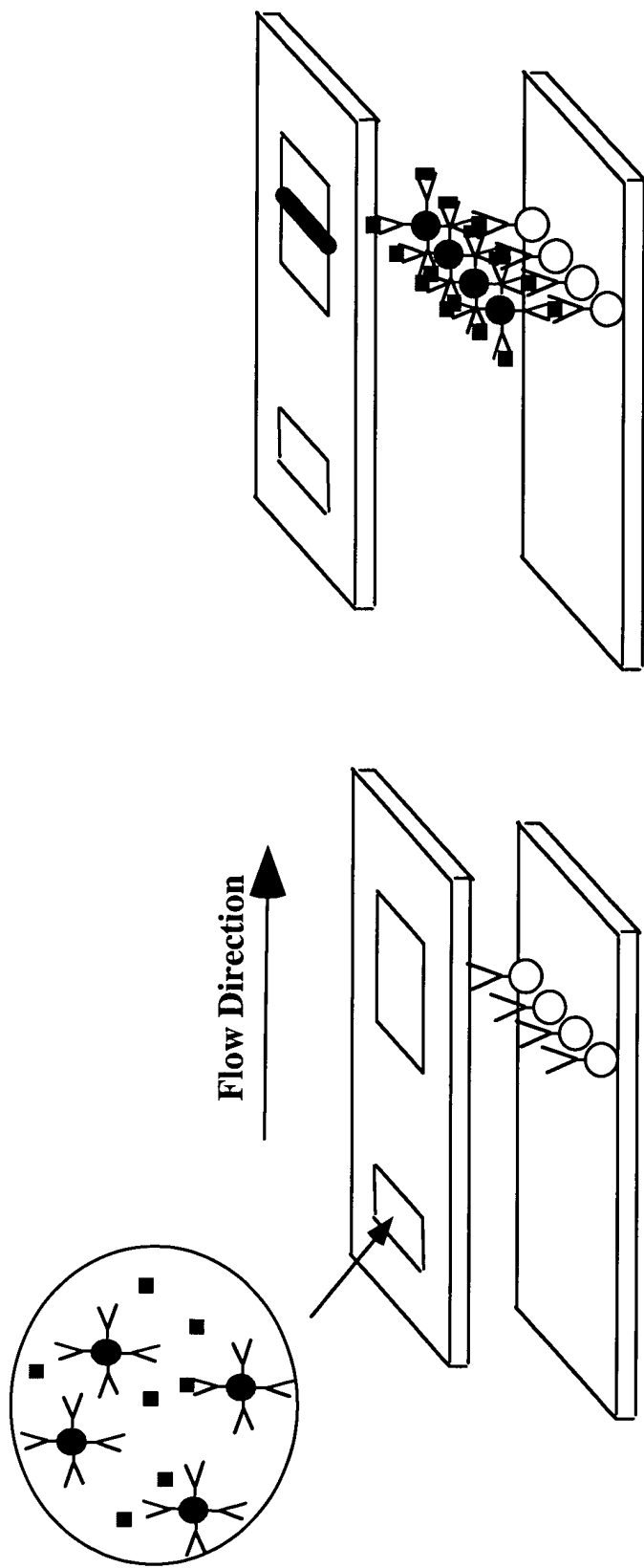


FIG. 11

44366666

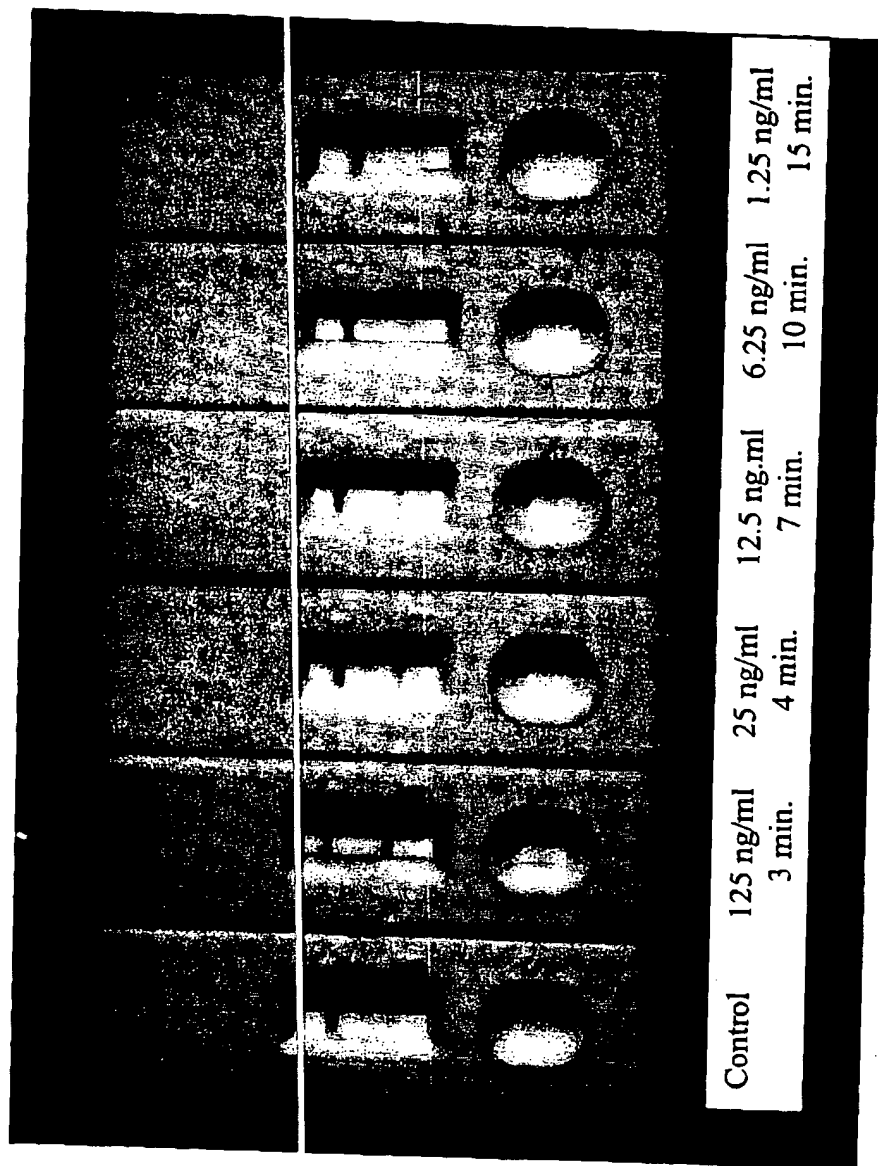


FIG. 12